Kopp/Denune Chronology

3/20/90 Palmer, Kleinhenz, Imhoff, Meyer, Angelopolous, Tammaro, and Haffenden inventoried the trailer at Welhem Junkyard and took samples.

- 62 drum inventory sheets were filled out
- many more containers not inventoried
- Found labels with Dixie Distributing
- 10 samples were taken from containers of different sizes creating potential reaction (incompatibles stored next to each other -liquid fire had hole in container

- Samples #1 55-gallon drum WJ001 -liquid, (amber)
Fl. Pt. greater than 95 degree C
xylenes - 10 mg/l

- Sample #2 55-gallon drum WJ002, gray sludge (waste)
- Fl. Pt. 35 degree-C
- Toluene 15. 0 mg/kg
- Ethyl Benzene - 3400 mg/kg
- xylenes 24000 mg/kg

-Sample #3 55-gallon drum WJ003, dark liquid PH=13

- Sample #4 5-gallon drum WJ063, yellow liquid PH less than 1

- Sample #5 10-gallon drum WJ054, dark liquid
Fl pt. = 48 degree C
Methylene Chloride 260 mg/l
Toluene 470 mg/l
xylenes 13,000 mg/l

- Sample #6 container of liquid fire 4 quart liquid PH less than 1

- Sample #7 55-gallon drum WJ062 red liquid PH greater than 13

- Sample #8 55-gallon drum WJ027 liquid PH less than 1

- Sample #9 5-gallon drum WJ064 brown liquid Fl. Pt.

- Sample #10 40-gallon drum WJ024, white powder not submitted cause possible cyanide labled as zinc cyanide.

SUMMARY OF RESULTS

Sample # 3&7 PH greater than 12.5 corrosive HW
Sample # 4,6,and 8 PH less than 1 corrosive HW
Sample 2,5 Fl.Pts. less than 60 degree C. Ignitable HW
Sample # 1 Fl.Pt. greater than 60 degree C. Not HW
Sample #10 labeled zinc cyanide - stored next to "liquid fire" container - incompatibles - potential reaction.

Shane, Pardi, Kotsko, Bryant, Johnson, O'Rourke, Wellman inventoried and sampled containers from the trailer at Wilhelm Sandblasting

INVENTORY RESULTS:

73 - 55-gallon drums
3 - 30-gallon drums
100 - 5 gallon pails
70 - 1 gallon buckets

Drums with HW or warning stickers scraped off

WS010
WS068

Drums with previous EPA numbers;

HD064 now WS028
HD007 now WS029
348 now WS080
142 now WS069

Containers with Dixie Distributing tags on them.

12 samples were taken.

11 from drums
1 from spilled material from drum WS074

SAMPLE RESULTS

Sample #1 55-gallon WS010, clear liquid, PH less than 1

Sample #2 5-gallon WS068, beige liquid Fl. Pt = 23 degree C

Methylene Chloride =	340 mg/l
Toluene=	37,000 mg/l
Ethyl benzene=	3,500 mg/l
xylenes =	17,000 mg/l

Sample #3 55-gallon WS029, black liquid
Fl. Pt. greater than 95 degree C., small conc of organic

Sample #4 5 gallon WS069, Fl. Pt. = 22 degree C, green liquid,

2 butanone =	33,000 mg/kg
Toluene =	1000 mg/kg
Ethyl benzene =	20,000 mg/kg
xylenes =	87,000 mg/kg

Sample #5 55-gallon WS028, dark brown liquid
Fl.Pt = 31 degree C

Methylene Chloride =	.94 mg/l
Acetone=	47 mg/l
2 Butanone=	7.4 mg/l
Tetrachlorethene =	1.8 mg/l
Toluene =	2.5 mg/l

Sample #6 55-gallon WS067, brown liquid (waste)
Fl. pt. = 19 degree C

Toluene =	210,000 mg/l
ethyl benzene =	5,600 mg/l
styrene =	5500 mg/l
xylenes =	22,000 mg/l

Sample #7 55-gallon drum WS027, green liquid
Fl.Pt. =34 degree C

Toluene =	320 mg/l
ethyl benezene =	2200 mg/l
styrene =	1300 mg/l
xylenes =	8900 mg/l

Sample #8 leaked from WS074 5-gallon, silver waste
EP Toxic= barium 0.1 mg/l

Sample #9 5-gallon WS074, gray waste
Fl. Pt = 23 degree C.

EP Tox metals =	ND
Methyene Chloride =	640 mg/l
Toluene =	30,000 mg/l
ethyl benzene =	16,000 mg/l
xylene	78,000 mg/l

Sample # 10 55-gallon WS060, brown liquid
Fl. Pt. Top - not sufficient sample
Fl. Pt. Middle = 69 degree C

Top	Toluene=	7,500 mg/l
	ethyl benzene =	410 mg/l
	xylenes =	2,000 mg/l

Middle	acetone	1000 mg/l
	2 butanone=	2.5 mg/l
	Toluene=	3.8 mg/l
	xylenes=	2.1 mg/l

Bottom Solid — Fl. Pt. bottom - 57 degree C Solid

ethyl benzene =	79 mg/kg
styrene=	8.2 mg/kg
xylenes	410 mg/kg
methylene chloride=	2.3 mg/kg
1,2 Dichlorethane=	1.3 mg/kg
Toluene =	1300 mg/kg

Sample # 11 55-gallon WS031, red brown liquid
Fl. Pt. less than 16 degree C

2-butanone =	67,000 mg/l
Toluene =	180,000 mg/l
Ethyl benzene =	1400 mg/l
xylenes =	6700 mg/l

Sample # 12 55-gallon WS003, white liquid
Fl. Pt. = 25 degree C

Toluene =	1700 mg/l
ethyl benzene=	30,000 mg/l
xylenes =	120,000 mg/l

SUMMARY OF RESULTS FROM (K900321-2) Wilhelm SandBlasting

Samples #1 PH less than 1 corrosive HW
Samples # 2,4,5,6,7,9,11, and 12 Fl. Pt. less than 60 degree C.
Large presence of Toluene, xylene, 2 butanone, ethyle benzene.
Ignitable HW.

Sample #3 and 10 Fl.Pt. greater than 60 degree C, No HW for ignitabiity

Sample# 8 EP Tox below HW limits.

3/29/90

Palmer collected samples (soils) from under the 2 trailers to determine if soils were contaminated

- 1 sample from Liberty Rd.
- 2 samples from Lower Valley Pike

SAMPLE RESULTS

Sample #1 Liberty Rd. discolored soil, oil like
Solvent scan ND
PCB's ND
Sample # 2 Lower Valley Pike from leak in trailer, discolored soil Solent scan ND
PCB's ND
Sample #3 Lower Valley Pike leak in trailer, tar like
Solvent scan 8.6 % xylene
0.7% naptha
PCB less than 2.5 ug/g